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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently Amended) A planar antenna assembly mounted on a substrate (306; 410), said assembly including a monopole element (302; 402) and at least one parasitic element (304; 404, 406) grounded to an adjacent ground plane and located proximate the monopole element (302; 402), characterised in that the assembly includes a planar conductive member (310; 412) adapted to function as a signal feed for the antenna.
- 2. (Currently Amended) An assembly according to claim 1, wherein the conductive member (310; 412) is located on a reverse side of the substrate relative to the monopole element.
- 3. (Currently Amended) An assembly according to claim 2, wherein the conductive member underlies at least a portion of the monopole element (302; 402).
- 4. (Currently Amended) An assembly according to claim 3, wherein the conductive member (310; 412) underlies a portion of the monopole element (302; 402) adjacent the ground plane and a portion of a ground plane (28).
- 5. (Currently Amended) An assembly according to claim 3 or 4, wherein the conductive member (310; 412) further underlies a part of the, or each, grounded member.

- 6. (Currently Amended) An assembly according to any preceding claim claim 1, wherein the conductive member is a conductive metallic patch (310).
- 7. (Currently Amended) An assembly according to any preceding claim claim 1, wherein the conductive patch (310) is electrically coupled to a feed connector (314).
- 8. (Currently Amended) An assembly according to any one of claims 1 to 7 claim 1, wherein the conductive member corresponds to the feed connector (412) of the antenna.
- 9. (Original) An assembly according to claim 8, wherein the feed connector is a SMA connector.
- 10. (Currently Amended) An assembly according to any preceding claim 1, wherein the grounded element (304) is substantially rectangular with its long axis extending substantially parallel to the monopole element (302).
- 11. (Currently Amended) An assembly according to any one of claims 1 to 9 claim 1, wherein the, or a, grounded element (404,406) extends from a ground plane towards the monopole element (402).

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- 12. (Currently Amended) An assembly according to claim 11, including a second grounded element (406) extending from the ground plane (28) towards the monopole element (402).
- 13. (Currently Amended) An assembly according to claim 12, wherein the first and second grounded elements (404, 406) are of different lengths.
- 14. (Currently Amended) An assembly according to claim 12 or 13, wherein the first and second grounded elements (404, 406) extend at different angles in a direction towards the monopole element (402).
- 15. (Currently Amended) An assembly according to any preceding claim claim 1, wherein the monopole element is provided with a waist portion (408).
- 16. (Currently Amended) An assembly according to any preceding claim_claim 1, wherein the monopole element (302; 402) is tuned to operate in a frequency band of substantially 880 MHz to 2,500 MHz.
- 17. (Currently Amended) An assembly according to any preceding claim_claim 1, wherein the monopole element (302; 402) is tuned to operate in a band of frequencies covering the GSM and Bluetooth/IEEE 802.11b bands.

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- 18. (Currently Amended) An assembly according to any preceding claim 1, including switching means operable to switch between a plurality of sub-bands within the operating band of the monopole element (302; 402).
- 19. (Original) An assembly according to claim 20, wherein the switching means is operable to provide substantially continuous operation in the or a wireless networking band and selective operation in other wireless bands.
- 20. (Currently Amended) A computing or information device including an antenna assembly according to any preceding claim claim 1.